

REMARKS

In response to the Office Action mailed August 13, 2008, Applicants respectfully request reconsideration. Claims 1-6 were previously pending in this application. By this amendment, claims 1, 2, 4, and 5 have been amended, and new claims 7-10 have been added. As a result, claims 1-10 are pending for examination with claims 1 and 4 being independent claims. No new matter has been added.

I. Objections to the Specification

The Office Action objected to the specification and abstract for informalities. The specification and abstract have been amended to address the noted informalities. Accordingly, it is respectfully requested that the objections to the specification and abstract be withdrawn.

II. Objections to the Claims

The Office Action objects to claims 1, 2, 4, and 5 for informalities. Each of claims 1, 2, 4, and 5 have been amended to address the noted informalities. Accordingly, it is respectfully requested that the objection to the claims be withdrawn.

II. Rejections Under 35 U.S.C. §102

The Office Action rejects claims 1-6 under 35 U.S.C. §102(e) as allegedly being anticipated by U.S. Patent Publication No. 2002/0047862 ("Aoki"). Applicants respectfully traverse these rejections.

A. Discussion of Aoki

Aoki is generally directed to a method for detecting errors in an audio-visual system which contains devices connected according to the IEEE 1394 network protocol (Abstract). Each device on the IEEE 1394 network includes a signal processing section for transmitting and receiving IEEE 1394 packets from the IEEE 1394 serial bus via a network cable (§0085). The signal processing section provides two types of monitoring. First, the signal processing section monitors a signal supplied by the network cable to conduct loop detection and to detect error information of relatively

low order, such as cable pulling out or putting in (§0088). Second, the signal processing section monitors header information of packets flowing on the serial bus to detect error information of relatively middle order, such as noise detection, irregular signal detection, or detection deviation of a synchronizing signal which should come within a fixed time (§0089-§0090). If an error is detected via the first (i.e., device specific) monitoring function or the second (i.e., network-specific) monitoring function, error information (signal S2 in Fig. 19) is assigned a priority and is transmitted from the signal processing section to the mainbody processing section for further processing, such as displaying the error based on the assigned priority (§0090, §0094).

B. Aoki Fails To Disclose or Suggest All Limitations of Independent Claims 1 and 4

Claim 1 as amended recites, "A method for management for connection to a network in which an electronic apparatus including an access controller for detecting connection or non-connection to a network cable and a micro-computer is used, said method comprising: carrying out, in executing an application, a first check to determine if a malfunction pertinent to the network connection exists, by detecting a state of an electrical connection of said network cable, responsive to a detection output of said access controller; **carrying out a second check, by said access controller, as to whether or not linkage to said network is normal if, as a result of said first check, no malfunction pertinent to the network connection is detected**; and carrying out accessing of said application to said network if, as a result of said second check, the linkage to said network is normal (emphasis added). Aoki fails to disclose or suggest that a second check is performed if, as a result of a first check, no malfunction pertinent to a network connection is detected, as required by claim 1.

The Office Action alleges that Aoki teaches carrying out a second check, by said access controller, as to whether or not the linkage to said network is normal if, as a result of said first check, there is no malfunction pertinent to the network connection at §0090, asserting that the signal processing section of Aoki detects error information with regards to network operations (Office Action, pages 4-5). Applicants respectfully disagree that detecting error information regarding network operations in the system of Aoki is performed **if, as a result of said first check, there is no malfunction pertinent to the network connection**, as required by claim 1. Rather, in Aoki, the

signal processing section continuously monitors network activity by examining header information in packets on the serial bus (Aoki, ¶0090). Furthermore, in Aoki, both device-specific and network-specific errors may be detected simultaneously, and the error with the highest assigned priority is displayed by the system of Aoki (¶0133). Thus, Aoki fails to disclose or suggest, carrying out a second check, by said access controller, as to whether or not linkage to said network is normal if, as a result of said first check, no malfunction pertinent to the network connection is detected, as required by claim 1.

In embodiments of the present invention, the second check is only performed if the first check fails to detect a malfunction (Specification, Fig. 3). At least one reason for performing the second check only after the first check has failed to detect a malfunction, is to facilitate a user's awareness of a malfunction attributed to the own apparatus without having to wait for a timeout period to perform the second check (Specification, page 13, lines 18-20). This concern is not contemplated by Aoki because error monitoring of packets on the serial bus of Aoki is continuous and has no such timeout period in which a user is unable to make a request to the device.

For at least these reasons, claim 1 patentably distinguishes over Aoki, and it is therefore respectfully requested that the rejection of claim 1 be withdrawn. Each of claims 2 and 3 depends from claim 1, and patentably distinguishes over Aoki for at least the same reasons as claim 1. Accordingly, it is respectfully requested that the rejection of each of these dependent claims be withdrawn.

Claim 4 as amended recites, "An electronic apparatus comprising: a connector jack for connection to a network cable; an access controller for detecting connection or non-connection of said network cable to said connector jack; and a micro-computer; said micro-computer carrying out, in executing an application, a first check to determine if a malfunction pertinent to connection to the network exists, by detecting a state of electrical connection of said network cable, responsive to a detection output of said access controller; **carrying out a second check, by said access controller, as to whether or not linkage to said network is normal if, as a result of said first check, no malfunction pertinent to the network connection is detected;** and carrying out accessing of said application to said network if, as a result of said second check, the linkage to said network is normal (emphasis added)."

As should be appreciated from the foregoing discussion of claim 1, claim 4 patentably distinguishes over Aoki for at least the same reasons as claim 1. Accordingly, it is respectfully requested that the rejection of claim 4 under 35 U.S.C. §102(e) as allegedly being anticipated by Aoki be withdrawn.

Each of claims 5 and 6 depends from claim 4, and patentably distinguishes over Aoki for at least the same reasons as claim 4. Accordingly, it is respectfully requested that the rejection of each of these dependent claims be withdrawn.

III. New Claims 7-10

New claims 7-10 are newly added into this application. Support for these claims is found at least at pages 10-12 of the Specification. Each of claims 7-10 depends from claim 1, and patentably distinguishes over Aoki for at least the same reasons provided above regarding claim 1. In addition, each of claims 7-10 adds an additional limitation which further distinguishes that claim patentably over Aoki and should be allowable for that additional reason.

CONCLUSION

A Notice of Allowance is respectfully requested. The Examiner is requested to call the undersigned at the telephone number listed below if this communication does not place the case in condition for allowance.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, the Director is hereby authorized to charge any deficiency or credit any overpayment in the fees filed, asserted to be filed or which should have been filed herewith to our Deposit Account No. 23/2825, under Docket No. S1459.70085US00.

Dated: November 13, 2008

Respectfully submitted,

By Randy J. Pritzker

Randy J. Pritzker

Registration No.: 35,986

WOLF, GREENFIELD & SACKS, P.C.

Federal Reserve Plaza

600 Atlantic Avenue

Boston, Massachusetts 02210-2206

(617) 646-8000